

WHAT IS CLAIMED IS:

1. A transmission method capable of transmitting and receiving a data signal and an information signal among a plurality of devices by full-duplex operation, wherein:

when the information signal consecutively repeats a single pattern, a different pattern is inserted between the same patterns before transmitting the single patterns.

2. The method as set forth in Claim 1, wherein the plurality of devices refer to two devices.

3. The method as set forth in Claim 1, wherein the different pattern is inserted between the same patterns at a random interval.

4. The method as set forth in Claim 1, wherein the different pattern is inserted between the same patterns at a fixed interval.

5. The method as set forth in Claim 1, wherein the different pattern is a pattern which is randomly selected from a group consisting of a plurality of different patterns.

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20. The communications device as set forth in Claim 19, wherein the receiver includes a signal judging section for judging whether a reception signal is the data signal or the information signal, and a setting section for setting a time period for receiving the data signal and a time period for receiving the information signal, in accordance with a result of judgment by the signal judging section.

21. The communications device as set forth in Claim 19, wherein the receiver includes a bit synchronization circuit for detecting variation points of a reception signal and generating a clock to synchronize the reception signal based on an average interval between the variation points.

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